

Lightsource Test Report

Product Information

Product Category: KL-T1001AJ-600-24W

Product Number: 2000K

Manufacturer:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.5292$ $y=0.4215$ $u(u')=0.3024$ $v=0.3613$ $v'=0.5420$

CCT: $T_c=2109K$ ($duv=0.00248$)

Color Ratio: R=0.341 G=0.646 B=0.013

Peak Wavelength: 636nm

Half Bandwidth: 113.6nm

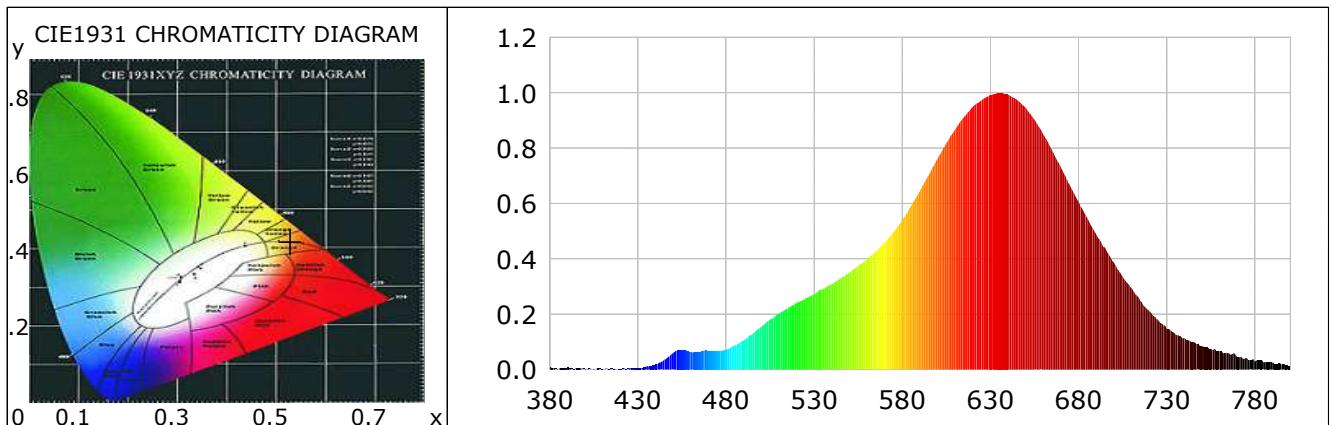
Dominant Wavelength: 587.9nm

Color Purity: 0.854

Color Render Index: Ra= 93.3, CRI= 91.4

R1 =94 R2 =97 R3 =99 R4 =95 R5 =95 R6 =98 R7 =90 R8 =79

R9 =58 R10=94 R11=98 R12=95 R13=95 R14=98 R15=87



Photometric Parameters

Luminous Flux: 912.19 lm

Efficiency: 72.92 lm/W

Radiant Power: 3.654 W

Electric Parameters

Voltage: 24.00V

Current: 0.5210A

Power: 12.51W

Power Factor: 0.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms

Photometric Condition: Sphere diameter: 2.00m, 4π

Max of Signal: 44383 (5472)

CCD Integration Time: 765.56 ms

Condition: Tx:0.0'C, Ti:0.0'C, R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2

Test Time: 2025-01-17 11:04:46

Inspector:

Lightsource Test Report

Product Information

Product Category: KL-T1001AJ-600-24W

Product Number: 4000K

Manufacturer:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.4033$ $y=0.3742$ $u(u')=0.2414$ $v=0.3359$ $v'=0.5039$

CCT: $T_c=3822K$ ($duv=-0.00699$)

Color Ratio: $R=0.237$ $G=0.720$ $B=0.043$

Peak Wavelength: 631nm

Half Bandwidth: 180.3nm

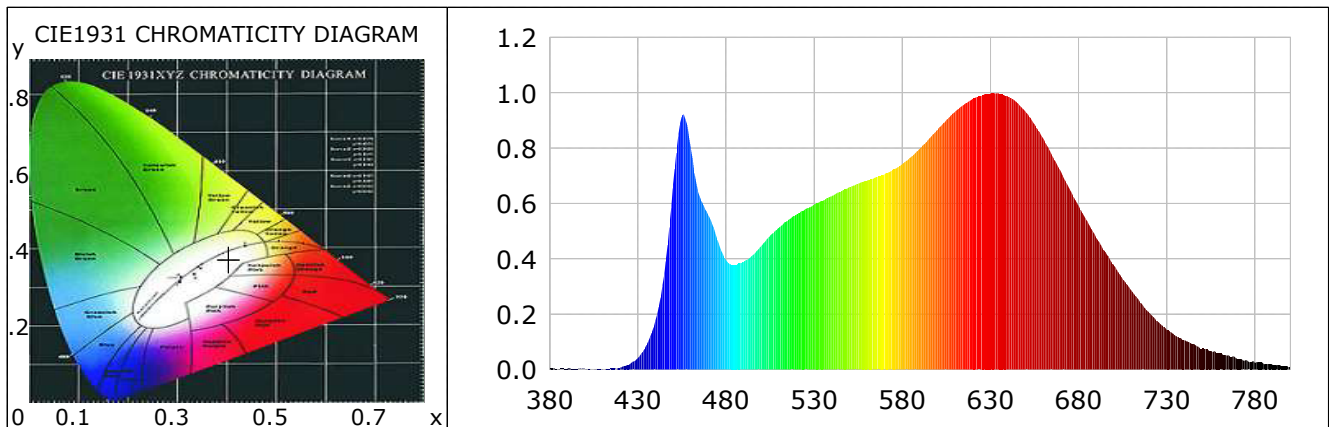
Dominant Wavelength: 584.8nm

Color Purity: 0.334

Color Render Index: $R_a=95.1$, $CRI=94.1$

$R1=95$ $R2=95$ $R3=97$ $R4=98$ $R5=95$ $R6=91$ $R7=94$ $R8=96$

$R9=97$ $R10=91$ $R11=97$ $R12=78$ $R13=94$ $R14=99$ $R15=95$



Photometric Parameters

Luminous Flux: 2063.83 lm

Efficiency: 83.59 lm/W

Radiant Power: 7.403 W

Electric Parameters

Voltage: 24.00V

Current: 0.9870A

Power: 24.69W

Power Factor: 0.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms

Photometric Condition: Sphere diameter: 2.00m, 4 π

Max of Signal: 44347 (5213)

CCD Integration Time: 503.09 ms

Condition: $T_x=0.0^\circ C$, $T_i=0.0^\circ C$, R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2

Test Time: 2025-01-17 11:08:03

Inspector:

Lightsource Test Report

Product Information

Product Category: KL-T1001AJ-600-24W

Product Number: 6000K

Manufacturer:

CIE Colorimetric Parameters

Chromaticity coordinates: $x=0.3301$ $y=0.3472$ $u(u')=0.2030$ $v=0.3202$ $v'=0.4803$

CCT: $T_c=5802K$ ($duv=0.00416$)

Color Ratio: $R=0.161$ $G=0.775$ $B=0.064$

Peak Wavelength: 456nm

Half Bandwidth: 27.2nm

Dominant Wavelength: 541.2nm

Color Purity: 0.034

Color Render Index: $R_a=92.8$, $CRI=90.9$

$R1=95$

$R2=97$

$R3=92$

$R4=90$

$R5=91$

$R6=91$

$R7=94$

$R8=93$

$R9=94$

$R10=89$

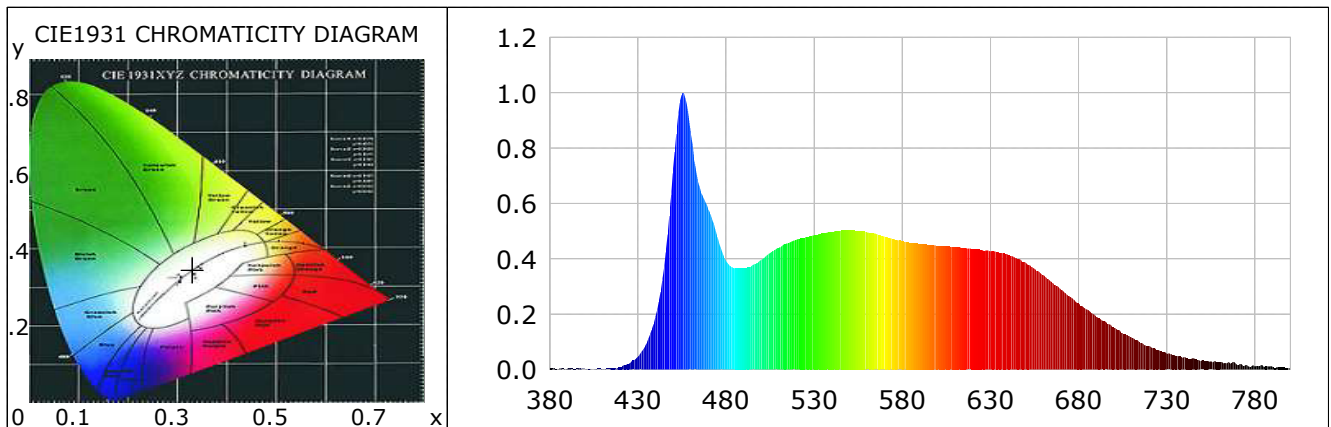
$R11=93$

$R12=58$

$R13=98$

$R14=95$

$R15=93$



Photometric Parameters

Luminous Flux: 1193.29 lm

Efficiency: 93.96 lm/W

Radiant Power: 4.223 W

Electric Parameters

Voltage: 24.00V

Current: 0.5290A

Power: 12.70W

Power Factor: 0.0000

Frequency: 0.00Hz

Test Information

Scan Range: 380nm~800nm:1nm Photometric Method: sphere-spectroradiometer

Stabilization Time: 0 ms

Photometric Condition: Sphere diameter: 2.00m, 4 π

Max of Signal: 43027 (5256)

CCD Integration Time: 503.09 ms

Condition: $T_x=0.0^\circ C$, $T_i=0.0^\circ C$, R.H.:60%

Test Lab:

Operator:

Test Device: Inventfine CMS-2

Test Time: 2025-01-17 11:16:51

Inspector: